

IN THE CLAIMS

Please amend claims 1-3, 5-7, and 9-11, and cancel claims 4, 8, and 12 as follows:

SUB C17

1. (CURRENTLY AMENDED) A method for storing object data of a requested file in an object-oriented computer system, comprising:

obtaining a request to ~~store an object~~ save a file in a requested file version, wherein the file contains an object;

determining if ~~a~~ the requested file version is ~~lower~~ earlier than an object introduction version of the object;

saving the file by streaming out a class data representing an instance of the object to the file, in the requested file version if the requested file version is equal to or ~~higher~~ later than the object introduction version, wherein the data comprises actual methods and attributes of the object; and

saving the file by streaming out the class the data representing the instance of the object to the file, in the object introduction version if the requested file version is ~~lower~~ earlier than the object introduction version.

2. (CURRENTLY AMENDED) The method of claim 1 wherein the requested file version is ~~lower~~ earlier than the object introduction version, the method further comprising representing the object as a proxy object when a file is opened, and wherein the streaming out in the object introduction version comprises:

the proxy object holding onto the object's data; and

the proxy object streaming out the object's data.

3. (CURRENTLY AMENDED) The method of claim 1 further comprising:

one or more superior objects of the object querying the object to determine a version to stream out to the file;

B1 the object responding to stream out in the requested file version if the requested file version is equal to or ~~higher~~ later than the object introduction version;

the object responding to stream out in the object introduction version if the requested file version is lower ~~earlier~~ than the object introduction version; and

the one or more superior objects of the object streaming out data in accordance with the object response.

4. (CANCELED)

5. (CURRENTLY AMENDED) An apparatus for storing object data of a requested file in an object-oriented computer system comprising:

an object-oriented computer system having a memory and a data storage device coupled thereto;

B2 one or more computer programs, performed by the computer, for obtaining a request to ~~store an object~~ save a file in a requested file version, wherein the file contains an object, for determining if a ~~the~~ requested file version is lower ~~earlier~~ than an object introduction version of the object, for saving the file by streaming out a class data representing an instance of the object to the file, in the requested file version if the requested file version is equal to or ~~higher~~ later than the object introduction version, wherein the data comprises actual methods and attributes of the object, and for saving the file by streaming out the class data representing the instance of the object to the

file in the object introduction version if the requested file version is ~~lower~~ earlier than the object introduction version.

6. (CURRENTLY AMENDED) The apparatus of claim 5 wherein the requested file version is ~~lower~~ earlier than the object introduction version, further comprising one or more computer programs, performed by the computer, for representing the object as a proxy object when a file is opened, and wherein the streaming out in the object introduction version comprises:

the proxy object holding onto the object's data; and

the proxy object streaming out the object's data.

B2  
7. (CURRENTLY AMENDED) The apparatus of claim 5 further comprising:  
means for one or more superior objects of the object to query the object to determine a version to stream out to the file;

means for the object responding to the one or more superior objects to stream out in the requested file version if the requested file version is equal to or ~~higher~~ later than the object introduction version;

means for the object responding to the one or more superior objects to stream out in the object introduction version if the requested file version is ~~lower~~ earlier than the object introduction version; and

means for the one or more superior objects of the object streaming out data in accordance with the object response.

8. (CANCELED)

9. (CURRENTLY AMENDED) An article of manufacture comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for storing object data of a requested file in an object-oriented computer system, the method comprising:

obtaining a request to ~~store an object~~ save a file in a requested file version, wherein the file contains an object;

determining if ~~a the~~ requested file version is ~~lower~~ earlier than an object introduction version of the object;

saving the file by streaming out a class data representing an instance of the object to the file, in the requested file version if the requested file version is equal to or ~~higher~~ later than the object introduction version, wherein the data comprises actual methods and attributes of the object; and

saving the file by streaming out the class the data representing the instance of the object to the file, in the object introduction version if the requested file version is ~~lower~~ earlier than the object introduction version.

10. (CURRENTLY AMENDED) The article of manufacture of claim 9 wherein the requested file version is ~~lower~~ earlier than the object introduction version, the method further comprising representing the object as a proxy object when a file is opened, and wherein the streaming out in the object introduction version comprises:

the proxy object holding onto the object's data; and

the proxy object streaming out the object's data.

11. (CURRENTLY AMENDED) The article of manufacture of claim 9 wherein the method further comprises:

one or more superior objects of the object querying the object to determine a version to stream out;

33 the object responding to stream out in the requested file version if the requested file version is equal to or ~~higher~~ later than the object introduction version;

the object responding to stream out in the object introduction version if the requested file version is ~~lower~~ earlier than the object introduction version; and

the one or more superior objects of the object streaming out data in accordance with the object response.

12. (CANCELED)